BL-FLOWSTN-P FlowStation Module
Installation Guide

Introduction

Baseline's FlowStation is available as an add-on module that is installed inside a pedestal enclosure with a BaseStation 3200 irrigation controller.

The FlowStation module comes with a 3-port ruggedized Ethernet switch (BL-ETH-SW).

When the FlowStation is ordered with a BaseStation 3200 irrigation controller in a pedestal, the Flowstation is installed in the pedestal at the factory.

The following instructions describe the steps for installing the add-on module into a pedestal that is already in service.

Required Tools

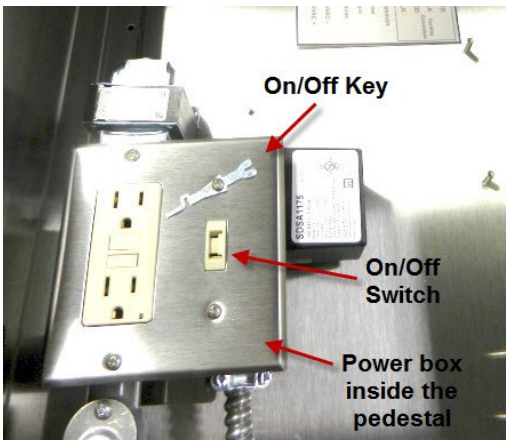
You will need a Phillips head screwdriver.

Shutting Down Power to the Pedestal

1. On the BaseStation 3200, turn the dial to the **Off** position.
2. Open the lower door on the pedestal and locate the on/off key on the power box.
3. Remove the screw that fastens the key to the box.

IMPORTANT! Put the screw in a safe place because you will need to replace it later.

4. Insert the key into the on/off switch and press it down to turn the power off.
5. Remove the key and reattach it with the screw to prevent it from being misplaced.



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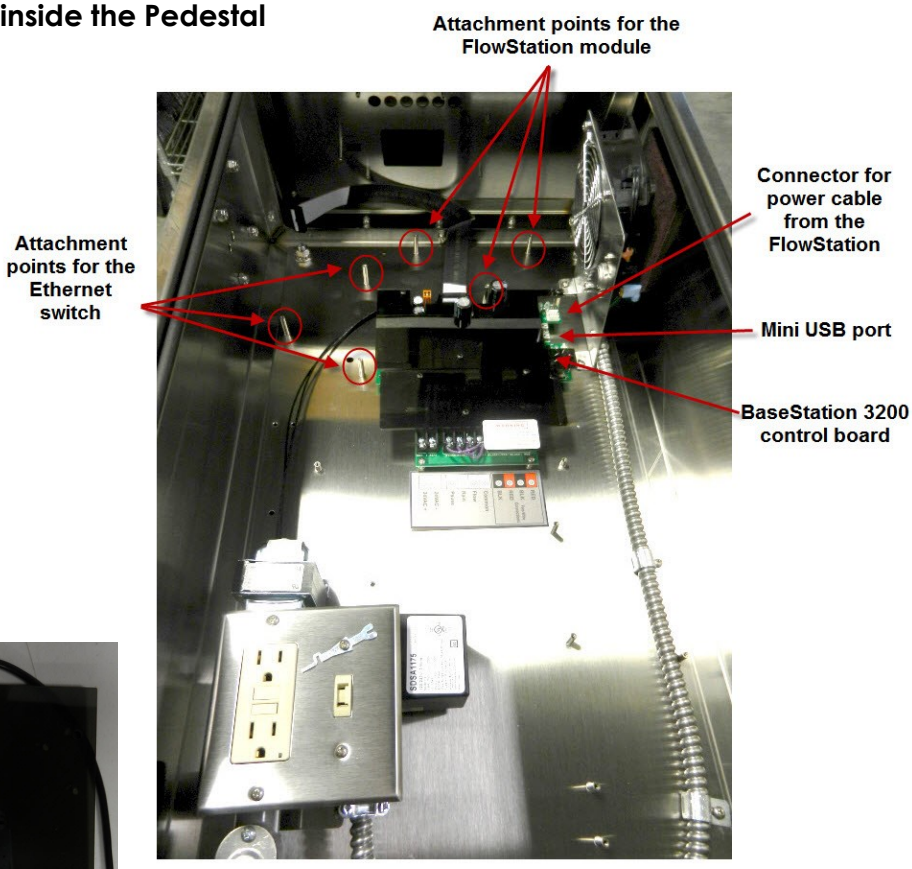
Identifying the Attachment Points inside the Pedestal

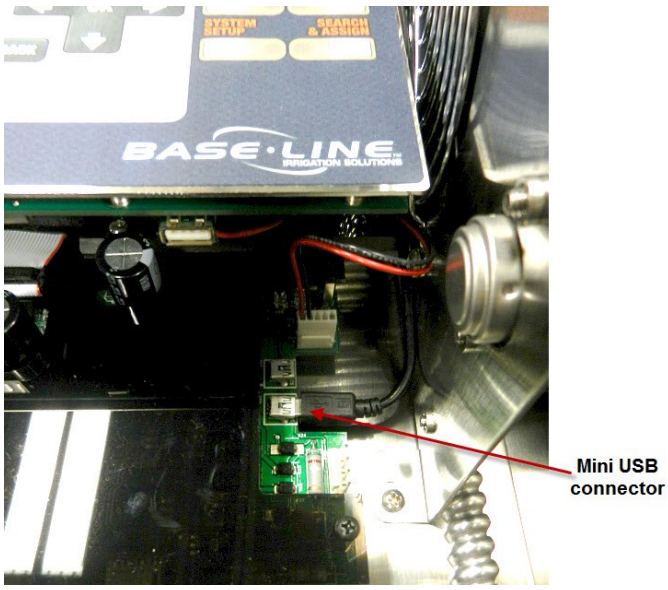
Identify the attachment points and connectors inside the pedestal as shown in the illustration.

IMPORTANT! Before proceeding, verify that the power is off. The LEDs on the BaseStation 3200 faceplate should not be illuminated.


Attachment points for the FlowStation module
Attachment points for the Ethernet switch
Connector for power cable from the FlowStation
Mini USB port
BaseStation 3200 control board

Attaching the Ethernet Switch

1. Align the holes in the Ethernet switch mounting plate with the attachment points shown in the illustration.
2. Secure the mounting plate with the three black screws.
3. Route the mini USB cable from the top of the Ethernet switch around the top of the BaseStation 3200 control board and plug the end of the cable into one of the mini USB ports on the control board.



BASE·LINE™ IRRIGATION SOLUTIONS

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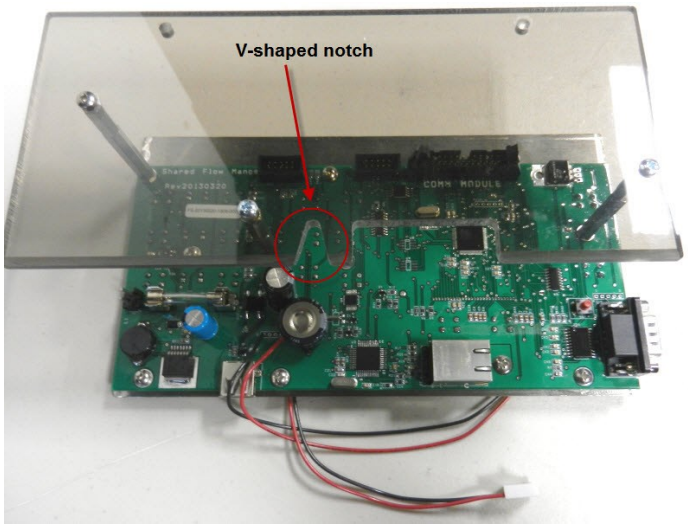
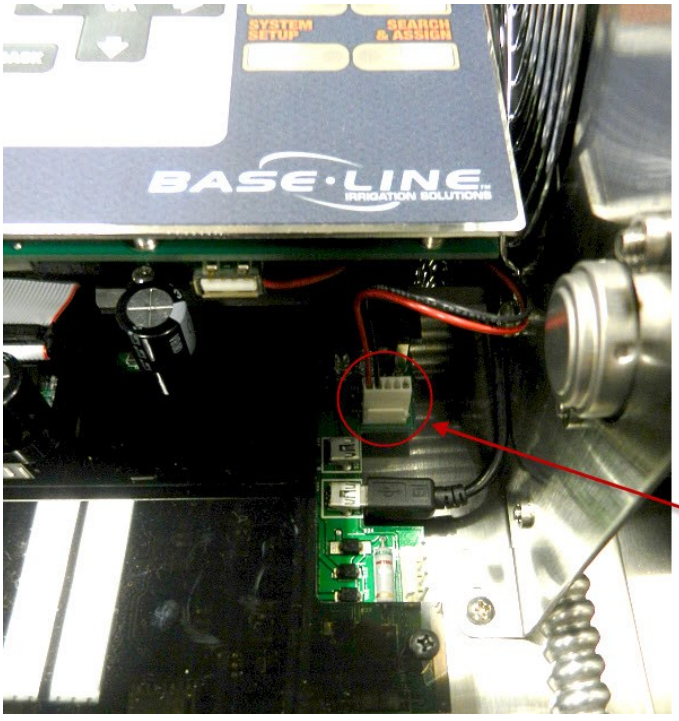
Attaching the FlowStation Module

1. Make sure the power cable is untangled and routed around the top of the module.
2. On the middle of the three attachment points for the FlowStation module (directly above the capacitor on the control board), put a washer on one of the stainless steel screws, and then partially thread the screw into the standoff.
3. On the mounting plate attached to the back of the FlowStation module, find the V-shaped notch. Align that notch with the screw that you inserted in step 2.
4. Align the other two holes on the mounting plate with the upper attachment points and partially thread a stainless steel screw into each hole.



Tip: To put the screws in these hard-to-reach locations, you might want to use a magnetic screwdriver.

5. Verify that the screw with the washer is securely seated in the V-shaped notch on the mounting plate, and then tighten the two screws at the top of the FlowStation module.
6. Attach the FlowStation power cable to the connector on the right side of the BaseStation 3200 control board.
7. Tuck the extra power cable length under the FlowStation module.



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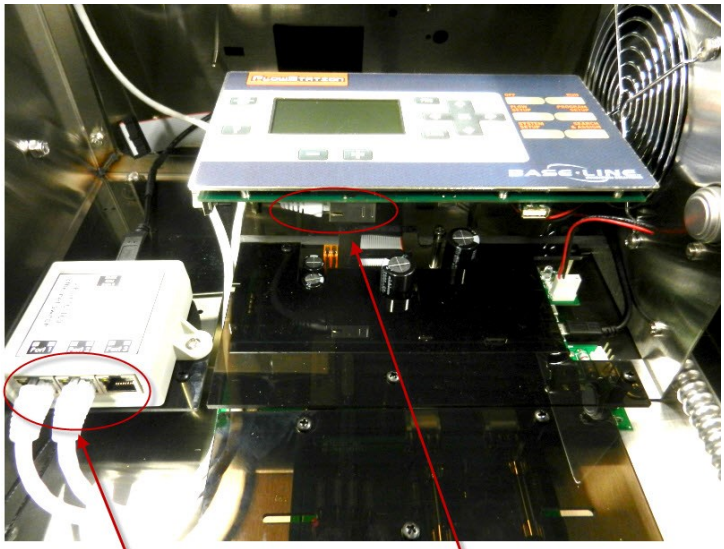
Attaching the Ethernet Cables

1. Remove the two Ethernet cables from their packaging.
2. Plug one end of each cable into a port on the Ethernet switch.
3. Route one of the cables through the top of the pedestal and plug the end into the Ethernet port on the back of the BaseStation 3200 display board.
4. Plug the other Ethernet cable into the Ethernet port on the back of the FlowStation module.

Note: The third port is reserved for the network connection.



IMPORTANT REMINDER!

Make sure that the shared flow biCoder (BL-3200UPG-SF) has been attached to the two-wire path of the BaseStation 3200. Refer to the Shared Flow biCoder Installation Guide for instructions.

Turning the Power On

1. Remove the screw that fastens the key to the box.

IMPORTANT! Put the screw in a safe place because you will need to replace it later.

2. Insert the key into the on/off switch and press it up to turn the power on.
3. Remove the key and reattach it with the screw to prevent it from being misplaced.
4. Verify that the Power LED is illuminated on the BaseStation 3200 faceplate.
5. Turn the BaseStation 3200 dial to the **Run** position.
6. Refer to the FlowStation Quick Start Guide and the FlowStation User Manual for configuration instructions.